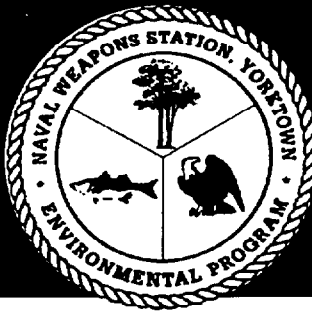


# Naval Weapons Station Yorktown



## Environmental Program Fact Sheet for Operable Unit (OU) I, Site 5

*This Fact Sheet provides a brief summary of the Navy's Proposed Remedial Action Plan (PRAP) for the Installation Restoration (IR) Program at OU I, Site 5. The results from the previous investigations illustrate that the site does not pose a threat to the community. The Navy is proposing no further action at this site.*

### IR Program Background

The Navy is conducting environmental studies under the Installation Restoration (IR) Program. The IR Program involves investigating areas where wastes were previously stored or disposed and, if necessary, cleaning up (remediating) these areas.

Following a series of studies, recommended action for the site is presented in the "Proposed Remedial Action Plan" (PRAP). When a site has been studied and found not to pose a threat to human health or the environment, the "No Action Alternative" may be selected. Through this alternative, the site may either be removed from the IR Program or be designated for a long-term monitoring program to periodically ensure the site is still safe. In the case of Site 5, the PRAP recommends no further action with no future monitoring.

### Site Background

Site 5, also referred to as Operable Unit I, was the Surplus Transformer Storage Area. An "Operable Unit" is the term for a site or a group of sites which have similar remedial actions planned. Site 5 is located near Barracks Road in the northeastern part of the Naval Weapons Station Yorktown (Station) and is adjacent to the south end of Building 76. The area is approximately 1,000 square feet in

size and is fenced. Two concrete pads are located within the fenced area; the remainder of the area is covered with gravel.

The site was used from 1940 through 1981 to store surplus electrical transformers with polychlorinated biphenyl (PCB)-containing cooling fluid. Over the years, an estimated 300 pounds of PCB-containing fluid were reported to have leaked from the stored transformers. A site cleanup effort was conducted in December 1982 to remove the soil contaminated with the fluid. No records were located to confirm the amount of soil removed or if soil samples were taken afterwards to verify adequate removal.

### Investigations

The site was identified in the Initial Assessment Study (IAS), 1984. The IAS identified areas which may pose a sufficient threat to human health or the environment to require further study. Following the IAS, a Confirmation Study was conducted. During this study, analysis of ten soil samples detected PCBs in four of the samples.

In 1992, the Remedial Investigation was conducted. A total of 24 soil samples, (4 concrete chip samples from the concrete pads, and 1 groundwater sample) were taken.

PCBs were detected in 17 soil samples at clean soil levels- levels below what is defined "toxic" by the Toxic Substances Control Act (TSCA). At only two sample locations was the level of PCBs slightly greater than TSCA's "clean soil" guidance. The concentrations in the concrete chip samples were below this level. PCBs were not detected in the groundwater.

### **What Happens Next**

The results from the previous investigations illustrate that the site is safe. The site is not in use and is fenced to prevent access. Therefore, the Navy recommends a "No Action" PRAP. This plan is available for public review in the information repositories at the libraries listed to the right. The public comment period is from June 5, 1994 through July 20, 1994. During this time, written or oral comments regarding the site and proposed action are welcome. Comments may be addressed to the Naval Weapons Station Yorktown point of contact:

- Mr. Thomas Black, Public Affairs Officer  
Phone: (804) 887-4444  
Fax: (804) 887-4596  
Naval Weapons Station Yorktown  
Building 31A  
P.O. Drawer 160 (Code P)  
Yorktown, Virginia 23691-0160

The community will also have the opportunity to ask questions or express comments during a public meeting on June 29, 1994, at 7:00 PM at the York County Public Library meeting room.

### **Information Repositories**

If you would like additional information regarding the Navy's environmental program or the PRAP, the following information repositories have been established by the Naval Weapons Station Yorktown.

Naval Weapons Station Yorktown Library  
(804) 887-4720  
Building 705  
Naval Weapons Station Yorktown  
Yorktown, VA 23691

Newport News City Public Library  
(804) 247-8506  
Grissom Branch  
366 DeShazor Drive  
Newport News, VA 23602

Gloucester Public Library  
(804) 693-2998  
P.O. Box 367  
Main Street  
Gloucester, VA 23601

Jamestown-Williamsburg Public Library  
(804) 229-7326  
515 Scotland Street  
Williamsburg, VA 23186

York County Public Library  
(804) 890-3377  
8500 George Washington Highway  
Yorktown, VA 23692

The repositories contain previous studies, historic information, the PRAP, and the Community Relations Plan for Naval Weapons Station Yorktown.

The Administrative Record, the legal record of all data reviewed to form the proposed action, is available for review at the Station and at the Grissom Branch Newport News City Public Library. The index for the record is available at the remaining libraries.